



Antimicrobial Steward Call

February 9, 2020

Tennessee Department of Health
Healthcare Associated Infections and Antimicrobial Resistance Program

TN

Welcome

TN

Announcements

Symposium Registration Open!

ANNUAL ANTIMICROBIAL STEWARDSHIP SYMPOSIUM

College of Pharmacy

[About Us](#)

[Program Outcomes](#)

[Academic Programs](#)

[Faculty & Administration](#)

[State-of-the-Art Facilities](#)

[PharmD Admissions](#)

[Early Assurance - PharmD in 6 Years at Belmont](#)

[Student Information](#)

[Continuing Education](#)

[Alumni & Friends](#)

5th Annual Antimicrobial Stewardship Symposium

Friday, March 26, 2021

8:00am-4:00pm CST

Delivered Virtually via Zoom

Registration to open mid-December 2020

This symposium brings together key stakeholders and infectious disease practitioners from across Tennessee, the southeastern US, and beyond. Pharmacists, physicians, nurses, infection preventionists, and microbiologists learn and share important information about infectious diseases, as well as discuss ways that we can work together as a medical community to improve appropriate antimicrobial use and mitigate the risks associated with inappropriate use. In addition, we offer continuing education credit for pharmacists, physicians, and nurses.

[Call for Poster Abstracts](#)

[Activity Announcement \(Full Agenda & Disclosures\)](#)

[General Session Presentations](#)

[Roundtables by Block](#)

The logo consists of a red square with the letters 'TN' in white, serif font. Below the red square is a thin white horizontal line, and below that is a thin dark blue horizontal line.

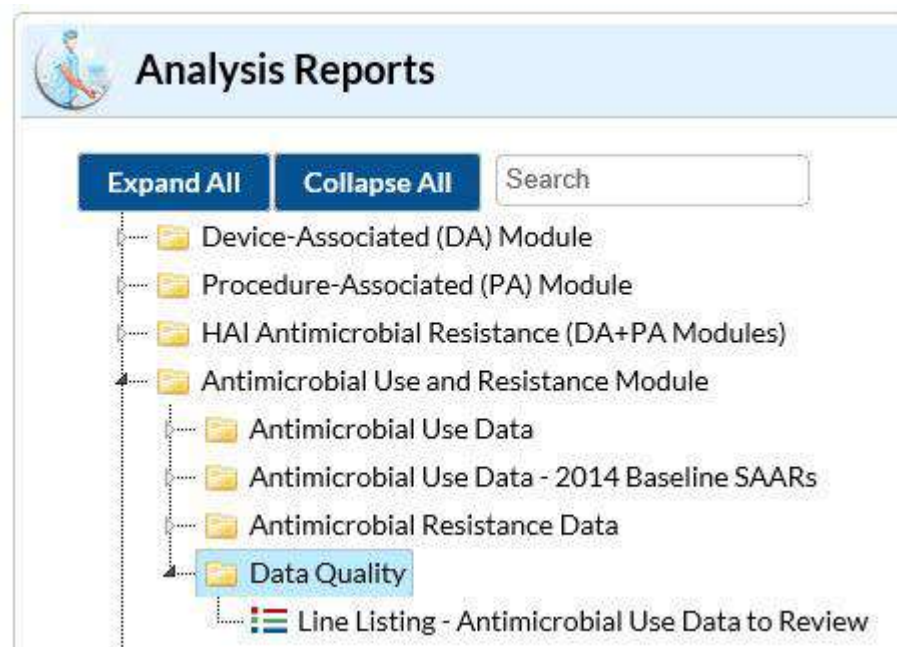
TN

Antibiotic Use Quality Reports

Data Validation

- **Currently downloading AU data monthly**
- **Data validation report in development**
 - Utilizes Data Validation guidance from CDC
 - Identifying red flags in data
 - Plan for quarterly reporting back to facilities
- **Goal – May Distribution of first report – Q1 2021 data**

CDC Data Quality Report



The screenshot displays the 'Analysis Reports' section of a web application. At the top, there is a header with a circular icon of a person in a lab coat and the title 'Analysis Reports'. Below the header, there are two buttons: 'Expand All' and 'Collapse All', followed by a search input field labeled 'Search'. The main content is a tree view of folders and files. The folders are: 'Device-Associated (DA) Module', 'Procedure-Associated (PA) Module', 'HAI Antimicrobial Resistance (DA+PA Modules)', and 'Antimicrobial Use and Resistance Module'. The 'Antimicrobial Use and Resistance Module' folder is expanded, showing its contents: 'Antimicrobial Use Data', 'Antimicrobial Use Data - 2014 Baseline SAARs', 'Antimicrobial Resistance Data', and 'Data Quality'. The 'Data Quality' folder is highlighted with a blue background and contains a file named 'Line Listing - Antimicrobial Use Data to Review'.

- Expand All
- Collapse All
- Search
- Device-Associated (DA) Module
- Procedure-Associated (PA) Module
- HAI Antimicrobial Resistance (DA+PA Modules)
- Antimicrobial Use and Resistance Module
 - Antimicrobial Use Data
 - Antimicrobial Use Data - 2014 Baseline SAARs
 - Antimicrobial Resistance Data
 - Data Quality
 - Line Listing - Antimicrobial Use Data to Review

CDC Data Quality Report

- 1. Zero of Missing Antimicrobial Days**
- 2. Antimicrobial Days reported when Patients Not Present**
- 3. Antimicrobial Days \geq Days Present**
- 4. Sum of Routes $<$ Total Antimicrobial Days**

TDH Data Quality Report Flags

Flag
1. Antimicrobial days reported for any drug when days present are reported as zero
2. Antimicrobial days for a single drug > Days Present for a given location or for FacWideIn
3. Antimicrobial days = zero or missing for ALL antimicrobials for any month
4. Days present = zero or missing for any month for any location (including FacWideIn)
5. For an individual drug, sum of routes (IV+IM+PO+Inh) < total Antimicrobial Days
6. For an individual drug, occurrence of route mismatch

TDH Data Quality Report Flags

Flag
7.If Out:Acute:ED Days Present reported, no ceftriaxone IM Antimicrobial Days reported
8.For an individual drug, large change of Antimicrobial Use Rate[†] from baseline*
9.For an individual location, large change of Antimicrobial Use Rate[†] from baseline*
10.For an individual location, large change in Days Present from baseline*
11.For all locations combined, sum of Antimicrobial Days < Antimicrobial Days reported for FacWideIn
12.For all locations combined, sum of location-specific Days Present < FacWideIn Days Present

Validation Report Example

Drugs Route Mismatch

summaryYM	drugDescription	Mismatch Type	IM_Count	IV_Count	digestive_Count	respiratory_Count
2018M01	CEFTRX - Ceftriaxone	Should be IM and IV only	1	486	1	1
2018M01	CEFTRX - Ceftriaxone	Should be IM and IV only	0	45	0	1
2018M01	CEFTRX - Ceftriaxone	Should be IM and IV only	1	18	1	0
2018M02	CEFTRX - Ceftriaxone	Should be IM and IV only	1	18	1	0
2018M02	CEFTRX - Ceftriaxone	Should be IM and IV only	0	45	0	1
2018M10	CEFAZ - Cefazolin	Should be IM and IV only	0	829	1	0
2018M10	CEFAZ - Cefazolin	Should be IM and IV only	0	121	1	0
2019M06	MERO - Meropenem	Should be IV only	1	50	0	0
2017M08	CIPRO - Ciprofloxacin	Should be PO and IV only	0	0	0	4
2018M05	CIPRO - Ciprofloxacin	Should be PO and IV only	0	0	0	2

The logo consists of a red square containing the white letters 'TN' in a serif font. Below the red square is a thin horizontal blue bar.

TN

TDH HAI Website Update

<https://www.tn.gov/health/cedep/hai.html>



The screenshot shows a web browser window with the URL <https://www.tn.gov/health/cedep/hai.html>. The page header features the Tennessee Department of Health logo and a search bar. A red banner highlights COVID-19 information, and a yellow banner provides information about the ongoing novel coronavirus outbreak. The main content area is titled "About Healthcare Associated Infections (HAI)" and includes a "NEW IN 2021!" announcement. A sidebar on the left lists various infection types and reporting requirements. A "FOR ALL REPORTERS:" section provides a link to a page with a complete updated list of all 2021 Reportable Diseases. A "FOR HOSPITALS ONLY:" section is also present. The Tennessee Department of Health logo is visible in the bottom right corner.

Healthcare Associated Infections x +

tn.gov/health/cedep/hai.html

Go to TN.gov

Search Health

Contact Us Program Areas News Health Professionals Parents Individuals Statistical Data Career Opportunities

FIND COVID-19 INFORMATION AND RESOURCES

INFORMATION FROM TN DEPT OF HEALTH ABOUT THE ONGOING NOVEL CORONAVIRUS OUTBREAK

Healthcare Associated Infections

HAI Reporting Requirements by Facility Type

Central Line-Associated Bloodstream Infections

Surgical Site Infections

Methicillin-Resistant Staphylococcus aureus

Clostridioides difficile Infections

Dialysis Events

Catheter-Associated Urinary Tract Infections

Healthcare Personnel Influenza Vaccination

About Healthcare Associated Infections (HAI)

NEW IN 2021!

FOR ALL REPORTERS:

For a complete updated list of all 2021 Reportable Diseases, please visit this page:
<https://www.tn.gov/health/cedep/reportable-diseases.html>

FOR HOSPITALS ONLY:

TN

<https://www.tn.gov/health/cedep/hai.html>

Healthcare Associated Infections

HAI Reporting Requirements by Facility Type

Central Line-Associated Bloodstream Infections

Surgical Site Infections

Methicillin-Resistant Staphylococcus aureus

Clostridioides difficile Infections

Dialysis Events

Catheter-Associated Urinary Tract Infections

Healthcare Personnel Influenza Vaccination

Ventilator-Associated Events

HAI Prevention Calculator

State-Based NHSN

Antibiotic Stewardship

About Healthcare Associated Infections (HAI)

NEW IN 2021!

FOR ALL REPORTERS:

For a complete updated list of all 2021 Reportable Diseases, please visit this page:
<https://www.tn.gov/health/cedep/reportable-diseases.html>.

FOR HOSPITALS ONLY:

Reporting antibiotic use in acute care hospitals through the National Healthcare Safety Network's Antibiotic Use and Resistance Module will be required beginning in January 1, 2022. Due to the COVID-19 response, we are postponing the deadline for the first round of required reporting until January 1, 2022. This will be a phased-in approach based on hospital bed size. As this requirement will require some planning for hospitals to implement, the Tennessee Department of Health is advising of this future requirement several years in advance to allow adequate preparation. (For more information: [click here](#).)

<https://www.tn.gov/health/cedep/hai/antibiotic-stewardship.html>

Antibiotic Stewardship

Tennessee Antibiotic Steward Call

The Tennessee Antibiotic Steward Call takes place the second Tuesday of every other month via webinar for one hour. Its purpose is to offer healthcare workers in the hospital setting advice and expertise on various stewardship interventions from people already doing them, discuss relevant stewardship related issues, report relevant state-wide data from TDH, and to foster a sense of community among stewardship pharmacists across the state.

To suggest a topic, volunteer to lead a discussion, or request webinar details, please contact HAI.Health@tn.gov.

> 2021

> 2020

TN

TN

VUMC USAAW Efforts

Next Steps

- **Next Call**
 - April 13 at 2pm Eastern/1pm Central Time
 - Topic TBD
- **Feedback always appreciated**
 - Christopher.evans@tn.gov